

**REMARKS**

.Currently pending in this application are claims 29-54, 56-64 and 66-81. Claims 1-38 were canceled in a prior amendment and claims 55,65 and 82 are canceled in this amendment.

Claim 36 has been amended to refer to solvents and to depend from claim 29.

Claim 38 has been amended to delete reference to castor oil.

Claim 42 has been amended to refer to solvents and to depend from claim 38.

Claim 53 has been amended to refer to solvents and to depend from claim 47.

Claim 56 has been amended to change addition to additive, correcting an obvious typographical error.

Claim 63 has been amended to refer to solvents and to depend from claim 56.

Claim 66 has been amended to change addition to additive, correcting an obvious typographical error. The claim has also been amended to delete reference to castor oil.

Claim 74 has been amended to change addition to additive, correcting an obvious typographical error.

Claim 80 has been amended to refer to solvents.

The examiner has rejected claims 36, 42, 53, 63, 70 and 80 under 35 U.S.C. §112, first paragraph as failing to comply with the written description requirement. Specifically the examiner noted that the specification did not support defining certain compounds recited in the claims as "diluent" when the specification defined them as solvents. The claims have been amended to define the compounds as solvents and to change their dependency to the preceding independent claim.

The examiner next rejected claims 32, 49, 50, 56, 59, 60, 65, 66, 74, 77 and 82 under 35 U.S.C. §112 as indefinite for failing to particularly point out and distinctly claim the subject matter which the applicant regards as the invention.

The examiner rejected claims 32, 49, 59 and 76 on the grounds that the examiner did not see the distinction between the plant oil extracts derived from grain and the vegetable and nut plant oils. The examiner stated the opinion that vegetables and nuts are also grains. Applicants respectfully traverse this rejection. As defined by Webster's, a grain is a seed of fruit from a cereal or grass. Merriam-Webster's Collegiate Dictionary, p. 543 (11<sup>th</sup> Ed. 2003) (attached). A vegetable on the other hand is a herbaceous plant and a nut is a hard shell dry fruit or seed. Id at 853, 1386. While all of these are plants, they are different varieties and the differences in the oil extracts and oils would be apparent to one skilled in the art. In addition, plant oil extracts are generally obtained from chlorophyll containing parts of the plant (see, e.g. paragraphs 59 and 60), whereas vegetable oils are generally extracted from the seed, nut or fruit (see, e.g., paragraphs 75 and 76). Thus, applicant respectfully submits that the two groups of materials are distinct the claims are not indefinite.

The examiner rejected claims 50 and 55 as substantial duplicates. Claim 55 has been canceled rendering the rejection moot.

The examiner rejected claims 56, 66 and 74 noting that the term "addition" should read "additive." The claims have been amended to change the term "addition" to "additive".

The examiner rejected claims 60 and 65 as substantial duplicates. Claim 61 has been canceled rendering the rejection moot.

The examiner rejected claims 77 and 82 as substantial duplicates. Claim 82 has been canceled rendering the rejection moot.

The examiner has rejected claims 38, 41-44, 66 and 69-72 under 35 U.S.C. §102(b) as anticipated by U.S. Patent 5,862,369 to Jordan. The examiner noted that Jordan teaches a fuel composition that contains beta-carotene (carotenoid), chlorophyll (hydrophobic plant extract) and ethoxylated castor oil (thermal stabilizer) as well as cetane improvers. The composition may be diluted with various solvents including gasoline, toluene, diesel fuel and

alcohols. Applicants respectfully submit that the claims as amended are not anticipated by Jordan.

As noted above, the Markush group in claims 38 and 66 that define the thermal stabilizer does not include castor oil. None of the other oils recited in the claims are taught or recited in Jordan. Thus Jordan can not anticipate the claims. Claims 41-44 depend from claim 38 and claims 69-72 depend from claim 66. Since Jordan does not anticipate the independent claims it can not anticipate the dependent claims.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

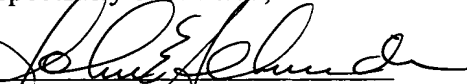
### CONCLUSIONS

Applicant submits that the pending claims are free of the art and are in condition for allowance.

Applicant believes there is no fee due with this response. However, if fees are due, please charge our Deposit Account No. 06-2375, under Order No. P02917US2 from which the undersigned is authorized to draw.

Dated: August 12, 2004

Respectfully submitted,

By 

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# Merriam- Webster's Collegiate® Dictionary

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/084,601	02/26/2002	Frederick L. Jordan	ORYXE.024A	1629

26271 7590 07/16/2004  
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EXAMINER

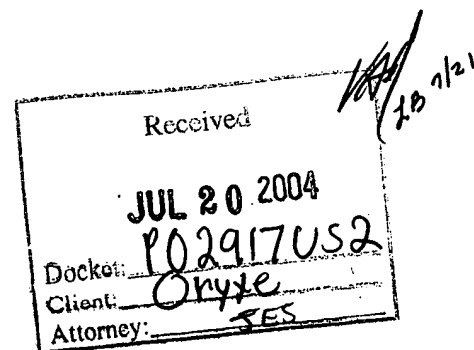
TOOMER, CEPHIA D

ART UNIT PAPER NUMBER

1714

DATE MAILED: 07/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.





**Advisory Action**

Application No.

10/084,601

Applicant(s)

JORDAN, FREDERICK L.

Examiner

Cephia D. Toomer

Art Unit

1714

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 28 June 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY [check either a) or b)]**

- a) ☐ The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
- (a) ☒ they raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ they raise the issue of new matter (see Note below);
- (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet.

3. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for reconsideration has been considered but does NOT place the application in condition for allowance because: \_\_\_\_\_.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☒ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

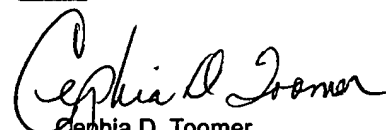
Claim(s) allowed: 29-31,33-35,37,47,48,51,52 and 54.

Claim(s) objected to: 32,36,38,41-44,49,50,53,55,56,59,60,63,65,66,69-72,74,76,77,80 and 82.

Claim(s) rejected: 39,40,45,46,57,58,61,62,64,67,68,73,75,78,79 and 81.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

8. ☐ The drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_.
10. ☐ Other: \_\_\_\_\_

  
Cephia D. Toomer  
Primary Examiner  
Art Unit: 1714

Continuation of 2. NOTE: the amendment is non-compliant because it fails to meet the requirements of 37 CFR 1.121, as amended on July 30, 2003. Claims 36, 38, 42, 53, 66 and 74 are identified as "amended". However, there appears to be no addition or deletion of subject matter. Also, the proper claim identifier should be "currently amended".

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